

## IP2MPTZ4X / IP2MPTZIR-4X

4X Day/Night Mini Speed Dome PTZ Camera



### Features

- 4x optical zoom
- H.264 & MJPEG Triple/Dual-streams encoding
- Max. 30fps @ 1080P & 60fps @ 720P
- WDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus
- Max 100°s pan speed
- Up to 300 presets, 5 auto scan, 8 tour, 5 pattern
- Support intelligent 3D positioning with DH-SD protocol
- Micro SD memory, POE
- Indoor / Outdoor\*
- Built-in Mic\*

\*Check specification details for clarification



IP2MPTZ-4X



IP2MPTZIR-4X

Model	IP2MPTZ-4X	IP2MPTZIR-4X
Image Sensor	1/2.7" CMOS	1/2.8" CMOS
Effective Picture (H×V)	1920 x 1080	
Resolution	1080P (1920×1080) / 720P (1280×720) / D1 (704×576/ 704×480) / CIF (352×288/352×240)	
Bit Rate	H.264: 448K ~ 8192Kbps, MJPEG: 5120K ~ 10240Kbps	
Scanning	Progressive	
Min. Illumination (Lux)	Color: 0.05Lux @ F1.6; B/W: 0.005 Lux @ F1.6	
S/N Ratio	> 50dB (AGC Off)	
Electronic Shutter Speed	1/1 ~ 1/30,000s	
White Balance	Auto / ATW / Indoor / Outdoor / Manual	
Auto Gain Control	Auto / Manual	
Day / Night	Auto (ICR) / Color / B&W	
Backlight Compensation	BLC / HLC / WDR	BLC / HLC / DWDR (Digital WDR)
Noise Reduction	Ultra DNR (2D / 3D)	
Optical / Digital Zoom	4x / 16x	
Focal Length	2.7mm ~ 11mm	
Close Focus Distance	100mm ~ 1,000mm	Auto / Manual
Max Aperture	F1.6~F2.8	
Angle of View	H: 93.5° ~ 30.24°	H: 112.5° ~ 39°
Pan / Tilt Range	Pan: 0° ~ 355°; Tilt: 0° ~ 90°, auto flip 180°	Pan: 0° ~ 360° limited; Tilt: 0° ~ 90°, auto flip 180°
Preset	300	
Pan / Tilt Speed (Preset)	Pan: 100° /s; Tilt: 60° /s	
Pan / Tilt Speed (Manual)	Pan: 0.1° ~ 100° /s; Tilt: 0.1° ~ 60° /s	
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan	
Speed Set-up	Human-oriented focal length / speed adaptation	
IR Distance	N/A	98ft (30m)
Ethernet	RJ-45 (10/100Base-T)	
Protocols	IPv4/ IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x	
ONVIF	ONVIF Profile S	
Max. User Access	20 Users	
Smart Phone	iPhone, iPad, Android, Windows Phone	
Audio	N/A	Built-In / G.711a / G.711Mu (32kbps) / PCM (128kbps)
Memory Slot	Micro SD / Max 128GB	Micro SD / Max 64GB
Power Supply / Consumption	DC 12V, PoE / 10W	DC 12V, PoE / 10W, 13W (IR on)
Working Environment	14°F ~ 122°F (-30°C ~ 60°C)	
Weatherproof Rating	IP66 / IK10	Indoor Only
Dimensions (D×L/D×W) / Weight	4.8" × 3.5" (122mm × 89mm) / 1.3lbs (0.6kg)	5.2" × 4.6" (132.7mm × 116.5mm) / 2.1lbs (0.95kg)
Warranty	1 Year	